

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

**NEW UTILITY PATENT  
APPLICATION TRANSMITTAL**

(to be used for new applications only)

Attorney Docket Number

First Named Inventor

Vonnie Chism Hill

Total Pages in this Submission

40

**APPLICATION ELEMENTS**

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))
2. Specification
  - ☒ Title of the Invention
  - ☐ Cross References to Related Applications (if applicable)
  - ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - ☐ Reference to Microfiche Appendix (if applicable)
  - ☒ Background of the Invention
  - ☒ Brief Summary of the Invention
  - ☒ Brief Description of the Drawings (if drawings filed)
  - ☒ Detailed Description
  - ☒ Claim or Claims
  - ☒ Abstract of the Disclosure
3. ☒ Drawing(s) (when necessary as prescribed by 35 USC 113)
4. ☒ Executed Declaration
5. Genetic Sequence Submission (if applicable, all must be included)
  - ☒ Paper Copy
  - ☐ Computer Readable Copy
  - ☐ Statement Verifying Identical Paper and Computer Readable Copy

**ACCOMPANYING APPLICATION PARTS**

6. ☐ Assignment Papers
7. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
8. ☐ Computer Program in Microfiche
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement/PTO-1449 ☐ Copies of IDS Citations
11. ☐ Petition Checklist and Accompanying Petition
12. ☐ Preliminary Amendment
13. ☒ Proprietary Information
14. ☒ Return Receipt Postcard
15. ☒ Small Entity Statement
16. ☐ Additional Enclosures (please identify below):

19270 U.S.P.T.O.  
10/773426

020904

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual name

Vonnie Chism Hill

Signature

Vonnie Chism Hill

Date

2-6-04

**FOR OFFICIAL USE ONLY**

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments or the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

020904

22764 U.S.P.T.O.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT (\$)

Complete if Known

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

Vonnie Chism Hill

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number  
Deposit Account Name

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

2. ☒ Payment Enclosed:

☒ Check

☐ Money Order

☐ Other

## FEE CALCULATION (fees effective 10/01/96)

### 1. FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 770	201 385	Utility filing fee	385
106 320	206 180	Design filing fee	
107 530	207 265	Plant filing fee	
108 770	208 385	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$) 385.00

### 2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
7 - 20 =		X	
7 - 3 =		X	
Multiple Dependent Claims		X	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
103 22	203 11	Claims in excess of 20	
102 80	202 40	Independent claims in excess of 3	
104 260	204 130	Multiple dependent claim	
109 80	209 40	Reissue independent claims over original patent	
110 22	210 11	Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 385.00

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,460	147 2,460	For filing a request for reexamination	
112 900	112 900	Requesting publication of SIR prior to Examiner action	
113 1,790	113 1,790	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 380	216 195	Extension for response within second month	
117 930	217 465	Extension for response within third month	
118 1,470	218 735	Extension for response within fourth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 280	221 130	Request for oral hearing	
138 1,470	138 1,470	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,290	241 645	Petition to revive unintentionally abandoned application	
142 1,290	242 645	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 650	244 325	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 230	126 230	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 770	246 385	Filing a submission after final rejection (37 CFR 1.129(a))	
149 770	249 385	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$)

\* Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Typed or Printed Name

Vonnie Chism Hill

Signature

Vonnie Chism Hill

Date

2-6-04

Complete (if applicable)

Reg. Number

Deposit Account User ID

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number		
	Filing Date		
	First Named Inventor	Vonnie Chism Hill	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	40	Attorney Docket Number	

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input checked="" type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Checklist and Accompanying Petition	<input checked="" type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Additional Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Certified Copy of Priority Document(s)		
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Vonnie Chism Hill
Signature	Vonnie Chism Hill
Date	2-6-04

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 2-6-04			
Typed or printed name	Vonnie Chism Hill		
Signature	Vonnie Chism Hill	Date	2-6-04

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.